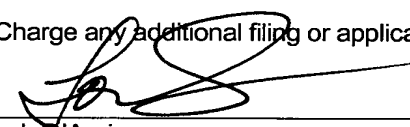




2834  
#

<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. O3020.0288/P288		
Application No. 10/032,463-Conf. #6604		Filing Date January 2, 2002		Examiner T. Dougherty	Art Unit 2834
Applicant(s): Nobuaki Omata, et al.					
Invention: ACTUATOR AND METHOD OF MANUFACTURING A STRAIN ELEMENT					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	40	- 39 =	1	X 18.00	18.00
Independent Claims	20	- 19 =	1	x 84.00	84.00
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>					
Other fee (please specify): Extension for response within first month					110.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>212.00</b>
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1073</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Thomas J. D'Amico Attorney Reg. No.: 28,371				Dated: <u>May 30, 2003</u>	
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP 2101 L Street NW Washington, DC 20037-1526 (202) 828-2232					



Docket No.: O3020.0288/P288  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Nobuaki Omata, et al

Application No.: 10/032,463

Group Art Unit: 2834

Filed: January 2, 2002

Examiner: T. Dougherty

For: ACTUATOR AND METHOD OF  
MANUFACTURING A STRAIN ELEMENT

AMENDMENT

**Box Non-Fee Amendment**  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the Office Action dated January 30, 2003 (Paper No. 8), please amend the above-identified U.S. patent application as follows:

In the Claims

1. (Amended) An actuator provided with a strain element having a property of a piezoelectric inverse effect, wherein:

the strain element is wound like a coil, and electrodes are formed on an inner circumferential surface and an outer circumferential surface, wherein said electrodes have a width narrower than said strain element.

2. (Amended) An actuator provided with a strain element having a property of a piezoelectric inverse effect, wherein:

the actuator includes a metal coil wound like a coil;